

Express Mail No. EV881812919US



Docket No.: 291958157US4  
Client Ref No. P01-0030US2

(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Wilson et al.

Application No.: 10/817,659

Confirmation No.: 3413

Filed: April 2, 2004

Art Unit: 1742

For: TUNING ELECTRODES USED IN A  
REACTOR FOR ELECTROCHEMICALLY  
PROCESSING A MICROELECTRONIC  
WORKPIECE

Examiner: L. L. Zheng

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

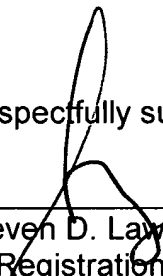
This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

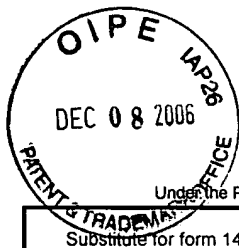
In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 291958157US4.

Dated: December 8, 2006

Respectfully submitted,

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PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/817,659-Conf. #3413
				Filing Date	April 2, 2004
				First Named Inventor	Gregory J. Wilson
				Art Unit	1742
				Examiner Name	L. L. Zheng
				Attorney Docket Number	291958157US4
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-3,880,725	04/1975	Van Raalte et al.	
		US-4,600,463	07-15-1986	Aigo et al.	
		US-4,773,436	09-27-1988	Cantrell et al.	
		US-4,814,197	03-21-1989	Duffy et al.	
		US-4,824,538	04-25-1989	Hibino et al.	
		US-4,911,818	03-27-1990	Kikuchi et al.	
		US-5,651,836	07-29-1997	Suzuki et al.	
		US-6,139,708	10-31-2000	Nonomura et al.	
		US-6,168,693	01-02-2001	Uzoh et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		DE-3240300	05-03-1984	Hoesch & Soehne Eberhard		
		FR-276334	11-20-1998	Motorola, Inc.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		European Search Report of European Patent Application No. EP 00 92 2221, Applicant: Semitool, Inc., July 18, 2006, 3 pgs	
		Singer, P., "Nonuniformity of Copper Electroplating Studied," <a href="http://www.reed-electronics.com/semitoolconductor/index.asp?layout=articlePrint&amp;articleD-CA164126rl">http://www.reed-electronics.com/semitoolconductor/index.asp?layout=articlePrint&amp;articleD-CA164126rl</a> ; Semiconductor International, June 1, 1998, 2 pgs.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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